

SEQUENCE LISTING

<110> Uchida, Kiyoshi

<120> METHOD OF PRODUCING ANTISENSE
OLIGONUCLEOTIDE

<130> 13797-002001

<140> US 08/859,415

<141> 1997-05-20

<150> JP 128192/1996

<151> 1996-05-23

<160> 12

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ggugcauugg	agccuugccu	ugcugcucua	ccuccaccau	gccaaguggu	cccaggcugc	180
acccauggca	gaaggaggag	ggcagaauc	ucacgaagug	gugaaguua	uggaugucua	240
ucagcgcagc	uacugccauc	caaucgagac	ccugguggac	aucuuccagg	aguacccuga	300
ugagaucgag	uacauucu	agccauccug	ugugccccug	augcgaugcg	ggggcugcug	360
caaugacgag	ggccuggagu	gugugcccac	ugaggagucc	aaauccacca	ugcagauuau	420
gcggaucaaa	ccucaccaag	gccagcacau	aggagagaug	agcuuccuac	agcacaacaa	480
augugaauuc	agaccaaaga	aagauagagc	aagacaagaa	aaaugugaca	agccgaggcg	540
gugagccggg	caggaggaag	gagccucccu	caggguuucg	ggaaccagau	ccacuaguuc	600
uagaugcag	cucgagcggc	cgccagugug	auggauaucu	gcagaauucc	agcacacugg	660
ccguuacuag	uggauccgag	cucccaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaccgaa	720
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<211> 1873

<212> RNA

<213> Homo sapiens

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cucggugcug	gaauuugaua	uucauugauc	cggguuuuau	cccucuucuu	uuuucuuaaa	180
cauuuuuuuu	uaaaacugua	uuguuucucg	uuuuauuuu	uuuuugcuug	ccauucccca	240
cuugaauccg	gccgacggcu	uggggagauu	gcucuacuuc	cccaaaucac	uguggauuuu	300
ggaaaccagc	agaaagagga	aagagguagc	aagagcucca	gagagaaguc	gaggaagaga	360
gagacggggg	cagagagagc	gcgcggggcg	gcgcgagcgc	aaagcgacag	gggcaaagug	420
agugaccugc	uuuugggggg	gaccgccgga	gcgcggcgug	agccuccccc	cuugggaucc	480
cgcagcugac	cagucgcgcu	gacggacaga	cagacagaca	ccgccccag	ccccagcuac	540
caccuccucc	ccggccggcg	gcggacagug	gacgcggcgc	cgagccgcgc	gcagggggcg	600
gagcccgcgc	ccggaggcgc	gguggagggg	gucggggcuc	gcggcgucgc	acugaaacuu	660

uucguccaac	uucugggcug	uucucgcuuc	ggaggagccg	ugguccgcgc	gggggaagcc	720
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cugcucuacc	uccaccaugc	caagugguuc	caggcugcac	ccauggcaga	aggaggagg	1140
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aucgagaccc	ugguggacau	cuuccaggag	uaccucugaug	agaucgagua	caucuucaag	1260
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<220>

<223> synthetically generated oligonucleotide

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<210> 5

<211> 20

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<213> Artificial Sequence

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aacugcauaa	ggcuauagaag	agauacgccc	ugguuccugg	aacaauugcu	uuuacagaug	180
cacauaucga	ggugaacauc	acguacgcgg	aaucuuucga	aauguccguu	cggugggcag	240
aagcuauгаа	acgauauggg	cugaauacaa	aucacagaau	cgucguaugc	agugaaaacu	300
cucuucaauu	cuuuaugccg	guguuggggcg	cguuauuuau	cggaguugca	guugcgccccg	360
cgaacgacau	uuauaaugaa	cgugaauugc	ucaacaguau	gaacauuucg	cagccuaccg	420
uaguguuugu	uuccaaaaag	ggguugcaaa	aaauuuugaa	cgugcaaaaa	aaauuaccaa	480
uaauccagaa	aaauauuau	auggauucua	aaacggauua	ccagggauuu	cagucgaugu	540
acacguucgu	cacauucacau	cuaccucccg	guuuuaauga	auacgauuuu	guaccagagu	600
ccuuugaucg	ugacaaaaaca	auugcacuga	uaaugaaau	cucuggaucu	acuggguuac	660
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uguauagauu	ugaagaagag	cuguuuuuac	gaucccuuca	ggauuacaaa	auucaaagug	900
cguugcuagu	accaaccua	uuuucuuuc	ucgccaaaag	cacucugauu	gacaaauacg	960
auuuauucua	uuuacacgaa	auugcuucg	ggggcgccacc	ucuuucgaaa	gaagucgggg	1020
aagcgguguc	aaaacgcuuc	caucuuccag	ggauacgaca	aggauauggg	cucacugaga	1080
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cattatcagt gcaattgttt

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